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## oxiti industrial oxygen concentrator

Oxiti industrial oxygen concentrator with high-quality components from Japan and America, built in a rugged aluminium casing. The concentrator uses pressure swing adsorption (PSA) technology and produces 8 liters per minute of oxygen. This unit gives peace of mind and many hours of stable oxygen production.

# oxiti industrial oxygen concentrator

## oxiti industrial oxygen concentrator

- ✓ 1, 5 and 8 LPM industrial oxygen concentrator
- ✓ High quality Japanese components and assembled in Japan
- ✓ Microprocessor controlled
- ✓ Low operating cost
- ✓ Transportable design
- ✓ Easy to install and maintain

## technology

The Oxiti industrial oxygen concentrator uses pressure swing adsorption (PSA) technology. Air consists of three primary gases: 21% oxygen, 78% Nitrogen, and 1% argon. An oxygen concentrator removes Nitrogen from the air.

Acniti uses a high-quality compressor in the oxygen concentrator, which compresses over 120 liters of air per minute. The compressed air is fed into an air dryer, where it removes moisture and other impurities. After the air-dryer, the air flows into one of the two oxygen sieves. In the sieve, Nitrogen molecules adhere to the zeolite under pressure, while oxygen passes through the sieve and flows into a small storage container. When the oxygen sieve saturates, which occurs in a matter of seconds, the solenoid valve system switches to the second sieve to repeat the process. The first sieve then depressurizes, allowing the Nitrogen to purge out of the sieve and the oxygen concentrator. This process is constantly repeated.

## quality components

The Oxiti utilizes high-quality components from Japanese manufacturers in a rugged aluminum casing. The quality components ensure a long life and easy maintenance with standard components. Many oxygen concentrators developed for the healthcare market are intended for home use and lack the strength, environmental design, and durability of industrial oxygen concentrators. The industrial-designed concentrators have larger and easier-to-wash inlet filters. Another focus point is the air drying after the compressor. Water easily attaches to the zeolite. Once the water attaches to the zeolite, the zeolite is no longer able to hold the Nitrogen, and the sieves need to be replaced.

The oxygen concentrator unit features a pressure gauge that allows the user to monitor the pressure at the inlet of the nanobubble generator. The oxiti supplies a pressure of 35 kPa. When higher pressures are required to dissolve larger quantities of gases more efficiently, please check the oxiti booster.

# industrial oxygen concentrator specs 8 lpm 115v

| Description  | Metric                                    | Imperial                                  |
|--------------|-------------------------------------------|-------------------------------------------|
| 1 Model name | industrial oxygen concentrator 8 LPM 115V | industrial oxygen concentrator 8 LPM 115V |

|                |              |              |
|----------------|--------------|--------------|
| 2 Model number | oxiti-08-115 | oxiti-08-115 |
|----------------|--------------|--------------|

| Ambient                       | Metric | Imperial |
|-------------------------------|--------|----------|
| 3 Ambient temperature minimum | 10 °C  | 50 °F    |

|                               |       |        |
|-------------------------------|-------|--------|
| 4 Ambient temperature maximum | 40 °C | 104 °F |
|-------------------------------|-------|--------|

|                             |      |      |
|-----------------------------|------|------|
| 5 Relative humidity minimum | 15 % | 15 % |
|-----------------------------|------|------|

|                             |      |      |
|-----------------------------|------|------|
| 6 Relative humidity maximum | 95 % | 95 % |
|-----------------------------|------|------|

| Gas                     | Metric    | Imperial   |
|-------------------------|-----------|------------|
| 7 Minimum flow / minute | 2.0 Liter | 0.5 Gallon |

|                         |           |            |
|-------------------------|-----------|------------|
| 8 Maximum flow / minute | 8.0 Liter | 2.1 Gallon |
|-------------------------|-----------|------------|

|                       |           |           |
|-----------------------|-----------|-----------|
| 9 Minimum flow / hour | 120 Liter | 32 Gallon |
|-----------------------|-----------|-----------|

|                        |           |            |
|------------------------|-----------|------------|
| 10 Maximum flow / hour | 480 Liter | 127 Gallon |
|------------------------|-----------|------------|

|                     |        |        |
|---------------------|--------|--------|
| 11 Pressure minimum | 70 kPa | 10 PSI |
|---------------------|--------|--------|

|                     |         |        |
|---------------------|---------|--------|
| 12 Pressure maximum | 100 kPa | 15 PSI |
|---------------------|---------|--------|

|                |                   |                   |
|----------------|-------------------|-------------------|
| 13 Gas quality | 87% to 96% Oxygen | 87% to 96% Oxygen |
|----------------|-------------------|-------------------|

|               |             |             |
|---------------|-------------|-------------|
| 14 Gas remark | ambient air | ambient air |
|---------------|-------------|-------------|

| Electrical              | Metric                     | Imperial                   |
|-------------------------|----------------------------|----------------------------|
| 15 Unit phase Ø voltage | 1 Ø 115 VAC 60 Hz or 50 Hz | 1 Ø 115 VAC 60 Hz or 50 Hz |

|                           |                                    |                                    |
|---------------------------|------------------------------------|------------------------------------|
| 16 Unit power consumption | 605 watts 60 Hz or 480 watts 50 Hz | 605 watts 60 Hz or 480 watts 50 Hz |
|---------------------------|------------------------------------|------------------------------------|

| Electrical          |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
|---------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 17                  | Wetted parts              |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| Connections         |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
| 18                  | Water inlet               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 19                  | Water outlet              |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 20                  | Gas inlet                 | 10 mm push to connect fitting or 3/8" on request                                                                                                                                                                                                                                                                                                                                                                                                     | 10 mm push to connect fitting or 3/8" on request |
| Dimensions & weight |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
| 21                  | Dim. (w) x (d) x (h)      | 460 x 444 x 700 mm                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18.1 x 17.5 x 27.6 inch                          |
| 22                  | weight                    | 29.9 Kg                                                                                                                                                                                                                                                                                                                                                                                                                                              | 65.9 lbs.                                        |
| 23                  | Shipping dim. (w)x(d)x(h) | 60 x 57 x 80 cm                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24 x 22 x 31 inch                                |
| 24                  | Shipping weight           | 32.9 Kg                                                                                                                                                                                                                                                                                                                                                                                                                                              | 73 lbs.                                          |
| Remarks             |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 25                  | Other remarks             | <ul style="list-style-type: none"> <li>✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft)</li> <li>✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F)</li> <li>✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty.</li> </ul> |                                                  |

# industrial oxygen concentrator specs 8 lpm 200v

|   | Description | Metric                                    | Imperial                                  |
|---|-------------|-------------------------------------------|-------------------------------------------|
| 1 | Model name  | industrial oxygen concentrator 8 LPM 200V | industrial oxygen concentrator 8 LPM 200V |

|   |              |   |   |
|---|--------------|---|---|
| 2 | Model number | 0 | 0 |
|---|--------------|---|---|

|   | Ambient                     | Metric | Imperial |
|---|-----------------------------|--------|----------|
| 3 | Ambient temperature minimum | 10 °C  | 50 °F    |

|   |                             |       |        |
|---|-----------------------------|-------|--------|
| 4 | Ambient temperature maximum | 40 °C | 104 °F |
|---|-----------------------------|-------|--------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 5 | Relative humidity minimum | 15 % | 15 % |
|---|---------------------------|------|------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 6 | Relative humidity maximum | 95 % | 95 % |
|---|---------------------------|------|------|

|   | Gas                   | Metric    | Imperial   |
|---|-----------------------|-----------|------------|
| 7 | Minimum flow / minute | 2.0 Liter | 0.5 Gallon |

|   |                       |           |            |
|---|-----------------------|-----------|------------|
| 8 | Maximum flow / minute | 8.0 Liter | 2.1 Gallon |
|---|-----------------------|-----------|------------|

|   |                     |           |           |
|---|---------------------|-----------|-----------|
| 9 | Minimum flow / hour | 120 Liter | 32 Gallon |
|---|---------------------|-----------|-----------|

|    |                     |           |            |
|----|---------------------|-----------|------------|
| 10 | Maximum flow / hour | 480 Liter | 127 Gallon |
|----|---------------------|-----------|------------|

|    |                  |        |        |
|----|------------------|--------|--------|
| 11 | Pressure minimum | 70 kPa | 10 PSI |
|----|------------------|--------|--------|

|    |                  |         |        |
|----|------------------|---------|--------|
| 12 | Pressure maximum | 100 kPa | 15 PSI |
|----|------------------|---------|--------|

|    |             |                   |                   |
|----|-------------|-------------------|-------------------|
| 13 | Gas quality | 87% to 96% Oxygen | 87% to 96% Oxygen |
|----|-------------|-------------------|-------------------|

|    |            |             |             |
|----|------------|-------------|-------------|
| 14 | Gas remark | ambient air | ambient air |
|----|------------|-------------|-------------|

|    | Electrical           | Metric                     | Imperial                   |
|----|----------------------|----------------------------|----------------------------|
| 15 | Unit phase Ø voltage | 1 Ø 200 VAC 60 Hz or 50 Hz | 1 Ø 200 VAC 60 Hz or 50 Hz |

|    |                        |                                    |                                    |
|----|------------------------|------------------------------------|------------------------------------|
| 16 | Unit power consumption | 580 watts 60 Hz or 450 watts 50 Hz | 580 watts 60 Hz or 450 watts 50 Hz |
|----|------------------------|------------------------------------|------------------------------------|

| Electrical          |                           | Metric                                           | Imperial                                         |
|---------------------|---------------------------|--------------------------------------------------|--------------------------------------------------|
| 17                  | Wetted parts              |                                                  |                                                  |
| Connections         |                           | Metric                                           | Imperial                                         |
| 18                  | Water inlet               |                                                  |                                                  |
| 19                  | Water outlet              |                                                  |                                                  |
| 20                  | Gas inlet                 | 10 mm push to connect fitting or 3/8" on request | 10 mm push to connect fitting or 3/8" on request |
| Dimensions & weight |                           | Metric                                           | Imperial                                         |
| 21                  | Dim. (w) x (d) x (h)      | 460 x 444 x 700 mm                               | 18.1 x 17.5 x 27.6 inch                          |
| 22                  | weight                    | 29.9 Kg                                          | 65.9 lbs.                                        |
| 23                  | Shipping dim. (w)x(d)x(h) | 60 x 57 x 80 cm                                  | 24 x 22 x 31 inch                                |
| 24                  | Shipping weight           | 32.9 Kg                                          | 73 lbs.                                          |

# industrial oxygen concentrator specs 8 lpm 230v

|   | Description | Metric                                    | Imperial                                  |
|---|-------------|-------------------------------------------|-------------------------------------------|
| 1 | Model name  | industrial oxygen concentrator 8 LPM 230V | industrial oxygen concentrator 8 LPM 230V |

|   |              |              |              |
|---|--------------|--------------|--------------|
| 2 | Model number | oxiti-08-230 | oxiti-08-230 |
|---|--------------|--------------|--------------|

|   | Ambient                     | Metric | Imperial |
|---|-----------------------------|--------|----------|
| 3 | Ambient temperature minimum | 10 °C  | 50 °F    |

|   |                             |       |        |
|---|-----------------------------|-------|--------|
| 4 | Ambient temperature maximum | 40 °C | 104 °F |
|---|-----------------------------|-------|--------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 5 | Relative humidity minimum | 15 % | 15 % |
|---|---------------------------|------|------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 6 | Relative humidity maximum | 95 % | 95 % |
|---|---------------------------|------|------|

|   | Gas                   | Metric    | Imperial   |
|---|-----------------------|-----------|------------|
| 7 | Minimum flow / minute | 2.0 Liter | 0.5 Gallon |

|   |                       |           |            |
|---|-----------------------|-----------|------------|
| 8 | Maximum flow / minute | 8.0 Liter | 2.1 Gallon |
|---|-----------------------|-----------|------------|

|   |                     |           |           |
|---|---------------------|-----------|-----------|
| 9 | Minimum flow / hour | 120 Liter | 32 Gallon |
|---|---------------------|-----------|-----------|

|    |                     |           |            |
|----|---------------------|-----------|------------|
| 10 | Maximum flow / hour | 480 Liter | 127 Gallon |
|----|---------------------|-----------|------------|

|    |                  |        |        |
|----|------------------|--------|--------|
| 11 | Pressure minimum | 70 kPa | 10 PSI |
|----|------------------|--------|--------|

|    |                  |         |        |
|----|------------------|---------|--------|
| 12 | Pressure maximum | 100 kPa | 15 PSI |
|----|------------------|---------|--------|

|    |             |                   |                   |
|----|-------------|-------------------|-------------------|
| 13 | Gas quality | 87% to 96% Oxygen | 87% to 96% Oxygen |
|----|-------------|-------------------|-------------------|

|    |            |             |             |
|----|------------|-------------|-------------|
| 14 | Gas remark | ambient air | ambient air |
|----|------------|-------------|-------------|

|    | Electrical           | Metric                     | Imperial                   |
|----|----------------------|----------------------------|----------------------------|
| 15 | Unit phase Ø voltage | 1 Ø 230 VAC 50 Hz or 60 Hz | 1 Ø 230 VAC 50 Hz or 60 Hz |

|    |                        |           |           |
|----|------------------------|-----------|-----------|
| 16 | Unit power consumption | 550 watts | 550 watts |
|----|------------------------|-----------|-----------|

| Electrical          |                           | Metric                                           | Imperial                                         |
|---------------------|---------------------------|--------------------------------------------------|--------------------------------------------------|
| 17                  | Wetted parts              |                                                  |                                                  |
| Connections         |                           | Metric                                           | Imperial                                         |
| 18                  | Water inlet               |                                                  |                                                  |
| 19                  | Water outlet              |                                                  |                                                  |
| 20                  | Gas inlet                 | 10 mm push to connect fitting or 3/8" on request | 10 mm push to connect fitting or 3/8" on request |
| Dimensions & weight |                           | Metric                                           | Imperial                                         |
| 21                  | Dim. (w) x (d) x (h)      | 460 x 444 x 700 mm                               | 18.1 x 17.5 x 27.6 inch                          |
| 22                  | weight                    | 29.9 Kg                                          | 65.9 lbs.                                        |
| 23                  | Shipping dim. (w)x(d)x(h) | 60 x 57 x 80 cm                                  | 24 x 22 x 31 inch                                |
| 24                  | Shipping weight           | 32.9 Kg                                          | 73 lbs.                                          |



# industrial oxygen concentrator specs 5 lpm 100v

|   | Description | Metric                                    | Imperial                                  |
|---|-------------|-------------------------------------------|-------------------------------------------|
| 1 | Model name  | industrial oxygen concentrator 5 LPM 100V | industrial oxygen concentrator 5 LPM 100V |

|   |              |   |   |
|---|--------------|---|---|
| 2 | Model number | 0 | 0 |
|---|--------------|---|---|

|   | Ambient                     | Metric | Imperial |
|---|-----------------------------|--------|----------|
| 3 | Ambient temperature minimum | 10 °C  | 50 °F    |

|   |                             |       |        |
|---|-----------------------------|-------|--------|
| 4 | Ambient temperature maximum | 40 °C | 104 °F |
|---|-----------------------------|-------|--------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 5 | Relative humidity minimum | 15 % | 15 % |
|---|---------------------------|------|------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 6 | Relative humidity maximum | 95 % | 95 % |
|---|---------------------------|------|------|

|  | Gas | Metric | Imperial |
|--|-----|--------|----------|
|--|-----|--------|----------|

|   |                       |           |            |
|---|-----------------------|-----------|------------|
| 7 | Minimum flow / minute | 2.0 Liter | 0.5 Gallon |
|---|-----------------------|-----------|------------|

|   |                       |           |            |
|---|-----------------------|-----------|------------|
| 8 | Maximum flow / minute | 5.0 Liter | 1.3 Gallon |
|---|-----------------------|-----------|------------|

|   |                     |           |           |
|---|---------------------|-----------|-----------|
| 9 | Minimum flow / hour | 120 Liter | 32 Gallon |
|---|---------------------|-----------|-----------|

|    |                     |           |           |
|----|---------------------|-----------|-----------|
| 10 | Maximum flow / hour | 300 Liter | 79 Gallon |
|----|---------------------|-----------|-----------|

|    |                  |        |        |
|----|------------------|--------|--------|
| 11 | Pressure minimum | 70 kPa | 10 PSI |
|----|------------------|--------|--------|

|    |                  |         |        |
|----|------------------|---------|--------|
| 12 | Pressure maximum | 100 kPa | 15 PSI |
|----|------------------|---------|--------|

|    |             |                   |                   |
|----|-------------|-------------------|-------------------|
| 13 | Gas quality | 87% to 96% Oxygen | 87% to 96% Oxygen |
|----|-------------|-------------------|-------------------|

|    |            |             |             |
|----|------------|-------------|-------------|
| 14 | Gas remark | ambient air | ambient air |
|----|------------|-------------|-------------|

|  | Electrical | Metric | Imperial |
|--|------------|--------|----------|
|--|------------|--------|----------|

|    |                      |                            |                            |
|----|----------------------|----------------------------|----------------------------|
| 15 | Unit phase Ø voltage | 1 Ø 100 VAC 60 Hz or 50 Hz | 1 Ø 100 VAC 60 Hz or 50 Hz |
|----|----------------------|----------------------------|----------------------------|

|    |                        |                                    |                                    |
|----|------------------------|------------------------------------|------------------------------------|
| 16 | Unit power consumption | 555 watts 60 Hz or 435 watts 50 Hz | 555 watts 60 Hz or 435 watts 50 Hz |
|----|------------------------|------------------------------------|------------------------------------|

| Electrical          |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
|---------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 17                  | Wetted parts              |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| Connections         |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
| 18                  | Water inlet               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 19                  | Water outlet              |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 20                  | Gas inlet                 | 10 mm push to connect fitting or 3/8" on request                                                                                                                                                                                                                                                                                                                                                                                                     | 10 mm push to connect fitting or 3/8" on request |
| Dimensions & weight |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
| 21                  | Dim. (w) x (d) x (h)      | 460 x 444 x 700 mm                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18.1 x 17.5 x 27.6 inch                          |
| 22                  | weight                    | 29.9 Kg                                                                                                                                                                                                                                                                                                                                                                                                                                              | 65.9 lbs.                                        |
| 23                  | Shipping dim. (w)x(d)x(h) | 60 x 57 x 80 cm                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24 x 22 x 31 inch                                |
| 24                  | Shipping weight           | 32.9 Kg                                                                                                                                                                                                                                                                                                                                                                                                                                              | 73 lbs.                                          |
| Remarks             |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 25                  | Other remarks             | <ul style="list-style-type: none"> <li>✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft)</li> <li>✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F)</li> <li>✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty.</li> </ul> |                                                  |

# industrial oxygen concentrator specs 5 lpm 115v

|   | Description | Metric                                    | Imperial                                  |
|---|-------------|-------------------------------------------|-------------------------------------------|
| 1 | Model name  | industrial oxygen concentrator 5 LPM 115V | industrial oxygen concentrator 5 LPM 115V |

|   |              |              |              |
|---|--------------|--------------|--------------|
| 2 | Model number | oxiti-05-115 | oxiti-05-115 |
|---|--------------|--------------|--------------|

|   | Ambient                     | Metric | Imperial |
|---|-----------------------------|--------|----------|
| 3 | Ambient temperature minimum | 10 °C  | 50 °F    |

|   |                             |       |        |
|---|-----------------------------|-------|--------|
| 4 | Ambient temperature maximum | 40 °C | 104 °F |
|---|-----------------------------|-------|--------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 5 | Relative humidity minimum | 15 % | 15 % |
|---|---------------------------|------|------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 6 | Relative humidity maximum | 95 % | 95 % |
|---|---------------------------|------|------|

|   | Gas                   | Metric    | Imperial   |
|---|-----------------------|-----------|------------|
| 7 | Minimum flow / minute | 1.0 Liter | 0.3 Gallon |

|   |                       |           |            |
|---|-----------------------|-----------|------------|
| 8 | Maximum flow / minute | 5.0 Liter | 1.3 Gallon |
|---|-----------------------|-----------|------------|

|   |                     |          |           |
|---|---------------------|----------|-----------|
| 9 | Minimum flow / hour | 60 Liter | 16 Gallon |
|---|---------------------|----------|-----------|

|    |                     |           |           |
|----|---------------------|-----------|-----------|
| 10 | Maximum flow / hour | 300 Liter | 79 Gallon |
|----|---------------------|-----------|-----------|

|    |                  |        |        |
|----|------------------|--------|--------|
| 11 | Pressure minimum | 70 kPa | 10 PSI |
|----|------------------|--------|--------|

|    |                  |         |        |
|----|------------------|---------|--------|
| 12 | Pressure maximum | 100 kPa | 15 PSI |
|----|------------------|---------|--------|

|    |             |                   |                   |
|----|-------------|-------------------|-------------------|
| 13 | Gas quality | 87% to 96% Oxygen | 87% to 96% Oxygen |
|----|-------------|-------------------|-------------------|

|    |            |             |             |
|----|------------|-------------|-------------|
| 14 | Gas remark | ambient air | ambient air |
|----|------------|-------------|-------------|

|    | Electrical           | Metric                     | Imperial                   |
|----|----------------------|----------------------------|----------------------------|
| 15 | Unit phase Ø voltage | 1 Ø 115 VAC 60 Hz or 50 Hz | 1 Ø 115 VAC 60 Hz or 50 Hz |

|    |                        |                                    |                                    |
|----|------------------------|------------------------------------|------------------------------------|
| 16 | Unit power consumption | 605 watts 60 Hz or 480 watts 50 Hz | 605 watts 60 Hz or 480 watts 50 Hz |
|----|------------------------|------------------------------------|------------------------------------|

| Electrical          |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
|---------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 17                  | Wetted parts              |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| Connections         |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
| 18                  | Water inlet               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 19                  | Water outlet              |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 20                  | Gas inlet                 | 10 mm push to connect fitting or 3/8" on request                                                                                                                                                                                                                                                                                                                                                                                                     | 10 mm push to connect fitting or 3/8" on request |
| Dimensions & weight |                           | Metric                                                                                                                                                                                                                                                                                                                                                                                                                                               | Imperial                                         |
| 21                  | Dim. (w) x (d) x (h)      | 460 x 444 x 700 mm                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18.1 x 17.5 x 27.6 inch                          |
| 22                  | weight                    | 29.9 Kg                                                                                                                                                                                                                                                                                                                                                                                                                                              | 65.9 lbs.                                        |
| 23                  | Shipping dim. (w)x(d)x(h) | 60 x 57 x 80 cm                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24 x 22 x 31 inch                                |
| 24                  | Shipping weight           | 32.9 Kg                                                                                                                                                                                                                                                                                                                                                                                                                                              | 73 lbs.                                          |
| Remarks             |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| 25                  | Other remarks             | <ul style="list-style-type: none"> <li>✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft)</li> <li>✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F)</li> <li>✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty.</li> </ul> |                                                  |

# industrial oxygen concentrator specs 5 lpm 200v

|   | Description | Metric                                    | Imperial                                  |
|---|-------------|-------------------------------------------|-------------------------------------------|
| 1 | Model name  | industrial oxygen concentrator 5 LPM 200V | industrial oxygen concentrator 5 LPM 200V |

|   |              |   |   |
|---|--------------|---|---|
| 2 | Model number | 0 | 0 |
|---|--------------|---|---|

|   | Ambient                     | Metric | Imperial |
|---|-----------------------------|--------|----------|
| 3 | Ambient temperature minimum | 10 °C  | 50 °F    |

|   |                             |       |        |
|---|-----------------------------|-------|--------|
| 4 | Ambient temperature maximum | 40 °C | 104 °F |
|---|-----------------------------|-------|--------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 5 | Relative humidity minimum | 15 % | 15 % |
|---|---------------------------|------|------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 6 | Relative humidity maximum | 95 % | 95 % |
|---|---------------------------|------|------|

|   | Gas                   | Metric    | Imperial   |
|---|-----------------------|-----------|------------|
| 7 | Minimum flow / minute | 2.0 Liter | 0.5 Gallon |

|   |                       |           |            |
|---|-----------------------|-----------|------------|
| 8 | Maximum flow / minute | 5.0 Liter | 1.3 Gallon |
|---|-----------------------|-----------|------------|

|   |                     |           |           |
|---|---------------------|-----------|-----------|
| 9 | Minimum flow / hour | 120 Liter | 32 Gallon |
|---|---------------------|-----------|-----------|

|    |                     |           |           |
|----|---------------------|-----------|-----------|
| 10 | Maximum flow / hour | 300 Liter | 79 Gallon |
|----|---------------------|-----------|-----------|

|    |                  |        |        |
|----|------------------|--------|--------|
| 11 | Pressure minimum | 70 kPa | 10 PSI |
|----|------------------|--------|--------|

|    |                  |         |        |
|----|------------------|---------|--------|
| 12 | Pressure maximum | 100 kPa | 15 PSI |
|----|------------------|---------|--------|

|    |             |                   |                   |
|----|-------------|-------------------|-------------------|
| 13 | Gas quality | 87% to 96% Oxygen | 87% to 96% Oxygen |
|----|-------------|-------------------|-------------------|

|    |            |             |             |
|----|------------|-------------|-------------|
| 14 | Gas remark | ambient air | ambient air |
|----|------------|-------------|-------------|

|    | Electrical           | Metric                     | Imperial                   |
|----|----------------------|----------------------------|----------------------------|
| 15 | Unit phase Ø voltage | 1 Ø 200 VAC 60 Hz or 50 Hz | 1 Ø 200 VAC 60 Hz or 50 Hz |

|    |                        |                                    |                                    |
|----|------------------------|------------------------------------|------------------------------------|
| 16 | Unit power consumption | 580 watts 60 Hz or 450 watts 50 Hz | 580 watts 60 Hz or 450 watts 50 Hz |
|----|------------------------|------------------------------------|------------------------------------|

| Electrical          |                           | Metric                                           | Imperial                                         |
|---------------------|---------------------------|--------------------------------------------------|--------------------------------------------------|
| 17                  | Wetted parts              |                                                  |                                                  |
| Connections         |                           | Metric                                           | Imperial                                         |
| 18                  | Water inlet               |                                                  |                                                  |
| 19                  | Water outlet              |                                                  |                                                  |
| 20                  | Gas inlet                 | 10 mm push to connect fitting or 3/8" on request | 10 mm push to connect fitting or 3/8" on request |
| Dimensions & weight |                           | Metric                                           | Imperial                                         |
| 21                  | Dim. (w) x (d) x (h)      | 460 x 444 x 700 mm                               | 18.1 x 17.5 x 27.6 inch                          |
| 22                  | weight                    | 29.9 Kg                                          | 65.9 lbs.                                        |
| 23                  | Shipping dim. (w)x(d)x(h) | 60 x 57 x 80 cm                                  | 24 x 22 x 31 inch                                |
| 24                  | Shipping weight           | 32.9 Kg                                          | 73 lbs.                                          |

## industrial oxygen concentrator specs 5 lpm 230v

|   | Description | Metric                                    | Imperial                                  |
|---|-------------|-------------------------------------------|-------------------------------------------|
| 1 | Model name  | industrial oxygen concentrator 5 LPM 230V | industrial oxygen concentrator 5 LPM 230V |

|   |              |              |              |
|---|--------------|--------------|--------------|
| 2 | Model number | oxiti-05-230 | oxiti-05-230 |
|---|--------------|--------------|--------------|

|   | Ambient                     | Metric | Imperial |
|---|-----------------------------|--------|----------|
| 3 | Ambient temperature minimum | 10 °C  | 50 °F    |

|   |                             |       |        |
|---|-----------------------------|-------|--------|
| 4 | Ambient temperature maximum | 40 °C | 104 °F |
|---|-----------------------------|-------|--------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 5 | Relative humidity minimum | 15 % | 15 % |
|---|---------------------------|------|------|

|   |                           |      |      |
|---|---------------------------|------|------|
| 6 | Relative humidity maximum | 95 % | 95 % |
|---|---------------------------|------|------|

|   | Gas                   | Metric    | Imperial   |
|---|-----------------------|-----------|------------|
| 7 | Minimum flow / minute | 1.0 Liter | 0.3 Gallon |

|   |                       |           |            |
|---|-----------------------|-----------|------------|
| 8 | Maximum flow / minute | 5.0 Liter | 1.3 Gallon |
|---|-----------------------|-----------|------------|

|   |                     |          |           |
|---|---------------------|----------|-----------|
| 9 | Minimum flow / hour | 60 Liter | 16 Gallon |
|---|---------------------|----------|-----------|

|    |                     |           |           |
|----|---------------------|-----------|-----------|
| 10 | Maximum flow / hour | 300 Liter | 79 Gallon |
|----|---------------------|-----------|-----------|

|    |                  |        |        |
|----|------------------|--------|--------|
| 11 | Pressure minimum | 70 kPa | 10 PSI |
|----|------------------|--------|--------|

|    |                  |         |        |
|----|------------------|---------|--------|
| 12 | Pressure maximum | 100 kPa | 15 PSI |
|----|------------------|---------|--------|

|    |             |                   |                   |
|----|-------------|-------------------|-------------------|
| 13 | Gas quality | 87% to 96% Oxygen | 87% to 96% Oxygen |
|----|-------------|-------------------|-------------------|

|    |            |             |             |
|----|------------|-------------|-------------|
| 14 | Gas remark | ambient air | ambient air |
|----|------------|-------------|-------------|

|    | Electrical           | Metric                     | Imperial                   |
|----|----------------------|----------------------------|----------------------------|
| 15 | Unit phase Ø voltage | 1 Ø 230 VAC 50 Hz or 60 Hz | 1 Ø 230 VAC 50 Hz or 60 Hz |

|    |                        |                                    |                                    |
|----|------------------------|------------------------------------|------------------------------------|
| 16 | Unit power consumption | 495 watts 50 Hz or 640 watts 60 Hz | 495 watts 50 Hz or 640 watts 60 Hz |
|----|------------------------|------------------------------------|------------------------------------|

| Electrical          |                           | Metric                                           | Imperial                                         |
|---------------------|---------------------------|--------------------------------------------------|--------------------------------------------------|
| 17                  | Wetted parts              |                                                  |                                                  |
| Connections         |                           | Metric                                           | Imperial                                         |
| 18                  | Water inlet               |                                                  |                                                  |
| 19                  | Water outlet              |                                                  |                                                  |
| 20                  | Gas inlet                 | 10 mm push to connect fitting or 3/8" on request | 10 mm push to connect fitting or 3/8" on request |
| Dimensions & weight |                           | Metric                                           | Imperial                                         |
| 21                  | Dim. (w) x (d) x (h)      | 460 x 444 x 700 mm                               | 18.1 x 17.5 x 27.6 inch                          |
| 22                  | weight                    | 29.9 Kg                                          | 65.9 lbs.                                        |
| 23                  | Shipping dim. (w)x(d)x(h) | 60 x 57 x 80 cm                                  | 24 x 22 x 31 inch                                |
| 24                  | Shipping weight           | 32.9 Kg                                          | 73 lbs.                                          |



# industrial oxygen concentrator specs 1 lpm 100v

| Description |                             | Metric                                    | Imperial                                  |
|-------------|-----------------------------|-------------------------------------------|-------------------------------------------|
| 1           | Model name                  | industrial oxygen concentrator 1 LPM 100V | industrial oxygen concentrator 1 LPM 100V |
| 2           | Model number                | 0                                         | 0                                         |
| Ambient     |                             | Metric                                    | Imperial                                  |
| 3           | Ambient temperature minimum | 10 °C                                     | 50 °F                                     |
| 4           | Ambient temperature maximum | 40 °C                                     | 104 °F                                    |
| 5           | Relative humidity minimum   | 15 %                                      | 15 %                                      |
| 6           | Relative humidity maximum   | 95 %                                      | 95 %                                      |
| Gas         |                             | Metric                                    | Imperial                                  |
| 7           | Minimum flow / minute       | 0.1 Liter                                 | 0.0 Gallon                                |
| 8           | Maximum flow / minute       | 1.0 Liter                                 | 0.3 Gallon                                |
| 9           | Minimum flow / hour         | 6.0 Liter                                 | 1.6 Gallon                                |
| 10          | Maximum flow / hour         | 60 Liter                                  | 16 Gallon                                 |
| 11          | Pressure                    | 75 kPa                                    | 11 PSI                                    |
| 12          | Gas quality                 | 87% to 96% Oxygen                         | 87% to 96% Oxygen                         |
| 13          | Gas remark                  | ambient air                               | ambient air                               |
| Electrical  |                             | Metric                                    | Imperial                                  |
| 14          | Unit phase Ø voltage        | 1 Ø 100 VAC 50/60 Hz                      | 1 Ø 100 VAC 50/60 Hz                      |
| 15          | Unit power consumption      | 135 watts                                 | 135 watts                                 |
| 16          | Wetted parts                |                                           |                                           |

| Connections         |                           | Metric                                                                                                                                                        | Imperial                                        |
|---------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 17                  | Water inlet               |                                                                                                                                                               |                                                 |
| 18                  | Water outlet              |                                                                                                                                                               |                                                 |
| 19                  | Gas inlet                 | 6 mm push to connect fitting or 1/4" on request                                                                                                               | 6 mm push to connect fitting or 1/4" on request |
| Dimensions & weight |                           | Metric                                                                                                                                                        | Imperial                                        |
| 20                  | Dim. (w) x (d) x (h)      | 270 x 550 x 450 mm                                                                                                                                            | 10.6 x 21.7 x 17.7 inch                         |
| 21                  | weight                    | 14 Kg                                                                                                                                                         | 30.9 lbs.                                       |
| 22                  | Shipping dim. (w)x(d)x(h) | 43 x 65 x 48 cm                                                                                                                                               | 17 x 26 x 19 inch                               |
| 23                  | Shipping weight           | 16 Kg                                                                                                                                                         | 35 lbs.                                         |
| Remarks             |                           |                                                                                                                                                               |                                                 |
| 24                  | Other remarks             | ✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft)        |                                                 |
|                     |                           | ✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F)                                                                                                   |                                                 |
|                     |                           | ✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty. |                                                 |

# industrial oxygen concentrator specs 1 lpm

## 115v 60hz

| Description |                             | Metric                                         | Imperial                                       |
|-------------|-----------------------------|------------------------------------------------|------------------------------------------------|
| 1           | Model name                  | industrial oxygen concentrator 1 LPM 115V 60Hz | industrial oxygen concentrator 1 LPM 115V 60Hz |
| 2           | Model number                | oxiti-01-115/60                                | oxiti-01-115/60                                |
| Ambient     |                             | Metric                                         | Imperial                                       |
| 3           | Ambient temperature minimum | 10 °C                                          | 50 °F                                          |
| 4           | Ambient temperature maximum | 40 °C                                          | 104 °F                                         |
| 5           | Relative humidity minimum   | 15 %                                           | 15 %                                           |
| 6           | Relative humidity maximum   | 95 %                                           | 95 %                                           |
| Gas         |                             | Metric                                         | Imperial                                       |
| 7           | Minimum flow / minute       | 0.1 Liter                                      | 0.0 Gallon                                     |
| 8           | Maximum flow / minute       | 1.0 Liter                                      | 0.3 Gallon                                     |
| 9           | Minimum flow / hour         | 6.0 Liter                                      | 1.6 Gallon                                     |
| 10          | Maximum flow / hour         | 60 Liter                                       | 16 Gallon                                      |
| 11          | Pressure                    | 75 kPa                                         | 11 PSI                                         |
| 12          | Gas quality                 | 87% to 96% Oxygen                              | 87% to 96% Oxygen                              |
| 13          | Gas remark                  | ambient air                                    | ambient air                                    |
| Electrical  |                             | Metric                                         | Imperial                                       |
| 14          | Unit phase Ø voltage        | 1 Ø 115 VAC 60 Hz                              | 1 Ø 115 VAC 60 Hz                              |
| 15          | Unit power consumption      | 135 watts 60 Hz                                | 135 watts 60 Hz                                |
| 16          | Wetted parts                |                                                |                                                |

| Connections         |                           | Metric                                                                                                                                                                                                                                          | Imperial                                        |
|---------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 17                  | Water inlet               |                                                                                                                                                                                                                                                 |                                                 |
| 18                  | Water outlet              |                                                                                                                                                                                                                                                 |                                                 |
| 19                  | Gas inlet                 | 6 mm push to connect fitting or 1/4" on request                                                                                                                                                                                                 | 6 mm push to connect fitting or 1/4" on request |
| Dimensions & weight |                           | Metric                                                                                                                                                                                                                                          | Imperial                                        |
| 20                  | Dim. (w) x (d) x (h)      | 270 x 550 x 450 mm                                                                                                                                                                                                                              | 10.6 x 21.7 x 17.7 inch                         |
| 21                  | weight                    | 14 Kg                                                                                                                                                                                                                                           | 30.9 lbs.                                       |
| 22                  | Shipping dim. (w)x(d)x(h) | 36 x 61 x 46 cm                                                                                                                                                                                                                                 | 14 x 24 x 18 inch                               |
| 23                  | Shipping weight           | 16 Kg                                                                                                                                                                                                                                           | 35 lbs.                                         |
| Remarks             |                           |                                                                                                                                                                                                                                                 |                                                 |
| 24                  | Other remarks             |  Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft)          |                                                 |
|                     |                           |  Storage temperature from - 20 °C to 60 °C (0°F to 140 °F)                                                                                                   |                                                 |
|                     |                           |  unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty. |                                                 |

# industrial oxygen concentrator specs 1 lpm

## 220v 50hz

| Description |                             | Metric                                         | Imperial                                       |
|-------------|-----------------------------|------------------------------------------------|------------------------------------------------|
| 1           | Model name                  | industrial oxygen concentrator 1 LPM 220V 50Hz | industrial oxygen concentrator 1 LPM 220V 50Hz |
| 2           | Model number                | oxiti-01-220/50                                | oxiti-01-220/50                                |
| Ambient     |                             | Metric                                         | Imperial                                       |
| 3           | Ambient temperature minimum | 10 °C                                          | 50 °F                                          |
| 4           | Ambient temperature maximum | 40 °C                                          | 104 °F                                         |
| 5           | Relative humidity minimum   | 15 %                                           | 15 %                                           |
| 6           | Relative humidity maximum   | 95 %                                           | 95 %                                           |
| Gas         |                             | Metric                                         | Imperial                                       |
| 7           | Minimum flow / minute       | 0.1 Liter                                      | 0.0 Gallon                                     |
| 8           | Maximum flow / minute       | 1.0 Liter                                      | 0.3 Gallon                                     |
| 9           | Minimum flow / hour         | 6.0 Liter                                      | 1.6 Gallon                                     |
| 10          | Maximum flow / hour         | 60 Liter                                       | 16 Gallon                                      |
| 11          | Pressure                    | 75 kPa                                         | 11 PSI                                         |
| 12          | Gas quality                 | 87% to 96% Oxygen                              | 87% to 96% Oxygen                              |
| 13          | Gas remark                  | ambient air                                    | ambient air                                    |
| Electrical  |                             | Metric                                         | Imperial                                       |
| 14          | Unit phase Ø voltage        | 1 Ø 220 VAC 50 Hz                              | 1 Ø 220 VAC 50 Hz                              |
| 15          | Unit power consumption      | 135 watts 50 Hz                                | 135 watts 50 Hz                                |
| 16          | Wetted parts                |                                                |                                                |

| Connections         |                           | Metric                                                                                                                                                        | Imperial                                        |
|---------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 17                  | Water inlet               |                                                                                                                                                               |                                                 |
| 18                  | Water outlet              |                                                                                                                                                               |                                                 |
| 19                  | Gas inlet                 | 6 mm push to connect fitting or 1/4" on request                                                                                                               | 6 mm push to connect fitting or 1/4" on request |
| Dimensions & weight |                           | Metric                                                                                                                                                        | Imperial                                        |
| 20                  | Dim. (w) x (d) x (h)      | 270 x 550 x 450 mm                                                                                                                                            | 10.6 x 21.7 x 17.7 inch                         |
| 21                  | weight                    | 14 Kg                                                                                                                                                         | 30.9 lbs.                                       |
| 22                  | Shipping dim. (w)x(d)x(h) | 43 x 65 x 48 cm                                                                                                                                               | 17 x 26 x 19 inch                               |
| 23                  | Shipping weight           | 16 Kg                                                                                                                                                         | 35 lbs.                                         |
| Remarks             |                           |                                                                                                                                                               |                                                 |
| 24                  | Other remarks             | ✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft)        |                                                 |
|                     |                           | ✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F)                                                                                                   |                                                 |
|                     |                           | ✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty. |                                                 |